

EXHIBIT 11

1 Honorable Thomas S. Zilly
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UNITED STATES DISTRICT COURT
WESTERN DISTRICT OF WASHINGTON

AT SEATTLE

STRIKE 3 HOLDINGS, LLC, a Delaware corporation,

Plaintiff,

vs.

JOHN DOE subscriber assigned IP address
73.225.38.130,

Defendant.

Case Number: 2:17-cv-01731-TSZ

**EXPERT REPORT OF BRANDON
GARCIA-PAETH**

Summary

I am Brandon Garcia-Paeth, an independent consultant. I have expertise in packet capture and protocol analysis.

Objective

I have been retained by the defendant's council in case 2:17-cv-01731-TSZ for the purpose of providing expert testimony regarding the details of the packet captures provided by the plaintiff. I am being paid \$100 per hour for analysis and testimony.

Qualifications

From 2009 to current I have worked as a Network Engineer for a software development company. My duties include packet capture analysis with a focus on protocol specific communications. As part of my duties I use on a daily basis for network analysis.

Prior to my current employment I used tcpdump, ethereal, and wireshark for packet analysis and troubleshooting various network and protocol level issues. I am familiar with the popular bittorrent clients as well.

Also included is my condensed resume.

Material Reviewed

001 - DIS 1.002 -Complaint.pdf

001-2 - DIS 1.002 -Report on Copyrights.pdf

043 - DIS 1.002 - Amended Complaint.pdf

043-1 - DIS 1.002 - Amended Complaint - Ex A.pdf

107 .torrent file

484 .pcap files

Terminology

Torrent client – an application which uses the bittorrent protocol.

.torrent file – file which represents a torrent container.

Torrent – a container that can hold any form of data such as video, audio, or text.

Torrent piece – Torrents are made up of torrent pieces. Each torrent piece is represented by a hash value that is checked when downloaded. If the hash is incorrect then the piece is redownloaded.

Data block – the smallest addressable component of a torrent piece. A data block is 16KB of data.

PCAP – PCAP is short for packet capture and is considered an industry standard for storing network captures.

Summary of opinions

From the amended complaint there are 87 total works listed with 405 of the 484 provided packet captures are associated with a listed work. Also, of the 87 listed works 10 had no packet captures associated with them. 11 of the works had greater than 10 packet captures associated. The largest number of pcaps for an associated work is 26.

From the provided packet captures only one for each work listed was analyzed. The packet capture analyzed was the most recent out of the packet captures provided that matched the hash for the listed work.

My analysis of the data shows that in each pcap only a very small percentage of the file was downloaded. One or two torrent pieces (16KB each) was downloaded in most cases. In a few of the pcaps no piece download was shown.

Of note on the provided pcaps is that they of communication from multiple internal IP addresses to IP address 73.225.38.130.

March 15, 2019

Date


Brandon Garcia-Paeth

Brandon Garcia-Paeth

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Banks, OR 97106

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OBJECTIVE

To obtain a position where the computer skills gained from my education and personal experience as well as my experiences in computer networking and systems administration can further the goals of the business.

SKILLS – TECHNICAL

- Windows 7, 8, 10
- Windows Server 2008, 2012, 2016
- Basic Linux Configuration and Administration
- Microsoft Exchange 2010, 2013
- Microsoft Office O365 Administration
- Network Protocol Level Troubleshooting
- Internet Information Services 7, 8
- Intermediate Firewall configuration
- Active Directory Configuration/Support
- Basic Scripting/Programming
- PC Software Setup/Maintenance
- PC Hardware Configuration/Installation
- Network Planning and Installation
- Cisco Routers and Switches
- TCP/IP and Subnetting

SKILLS – INTERPERSONAL

- Management and Team Statistics
- Team Planning and Communication
- Handling of Escalated Issues
- Accurate Equipment Documentation
- Training of Small Teams of Employees
- Excellent Written/Verbal Communication

EDUCATION

ITT Technical Institute - (**Cumulative GPA: 4.0 Perfect Attendance**)
Associate of Applied Science Degree in IT - Computer Network Systems

Portland, OR
Completed 06/09

EMPLOYMENT HISTORY

FaxBack, Inc.
Network Engineer

10/09 – Present

Maintain and administer company network including software and hardware. Troubleshoot network level problems with SIP, HTTP, and SMTP protocols as well as others. Design, configure, and implement network components for network expansion. Monitor network performance.

Pacific Office Automation
Delivery Driver

Beaverton, OR
10/05 – 06/07

Delivered copiers and fax machines to customer locations. Assisted with copier-specific network setup. Maintained accurate delivery logs of all equipment being delivered and being returned company premises. Assist with network configuration of networked copiers.

Work	Hash	Site	UTC	Published
1	1BC8C1ADCAA75C3EC9408C8CCBF5147863205E6C	Tushy	9/5/2017 10:40	9/3/2017
2	0326E8923C58852725F5A7857833A4CD3E715289	Tushy	5/15/2017 4:40	5/6/2017
3	039F4779148D3E374D990283A83AC46A0219DAE9	Vixen	5/12/2017 6:25	4/19/2017
4	0CAB7415EAE003A2C3835DE5FC716759A49040B9	Tushy	7/5/2017 19:58	7/5/2017
5	0CDEB18021838E8E2A694A7D16D9A45366CFABB6	Blacked	8/8/2017 21:54	8/8/2017
6	1278F4C4BF0B45678418F6CC8F8844DE4AB68C83	Tushy	5/15/2017 5:03	4/26/2017
7	1487A26EAAD70318258AB9F506506A8F293533A	Blacked	5/21/2017 18:02	5/5/2017
8	18A6F7D0E24D4FA3CC1589DE496D1AD9433CF09B	Blacked	6/20/2017 1:03	6/19/2017
9	1A032CB38BB2AF87DAF2B239A1A17B6C713EBC26	Blacked	8/12/2017 13:46	8/3/2017
10	1C2C06D480942F4FE7FDCED4759E93805E02B54B	Tushy	5/24/2017 1:49	5/21/2017
11	1D1B18BB0C921D6E1A6D148E4542257B42A2469F	Tushy	6/22/2017 8:52	6/20/2017
12	1D63168E762F9CB41AE4DBD6646599AD0EFF3911	Blacked	7/10/2017 20:05	7/9/2017
13	1D7E521CD7368013A7F1B28494A2AC43D8F99F0E	Vixen	9/3/2017 5:01	9/1/2017
14	1D7E721AC3B8D955BBCAD8D62F57AF030BD1F315	Vixen	6/6/2017 10:18	6/3/2017
15	22883186DAB5FCA92C8513AD939652BCB867FD5C	Tushy	8/21/2017 10:03	8/19/2017
16	22C377CC65B1695E6470BFAF967C4C825391EF90	Blacked	8/1/2017 8:09	7/29/2017
17	24D6E127081B069994E81CA544B8FF3E3A0A33D3	Tushy	5/17/2017 6:35	5/16/2017
18	258961E123E520633A96CDF11E8E6F60E233C816	Vixen	7/24/2017 17:24	7/23/2017
19	289FE7D65DFCFACB416832D12862105A2762841A	Blacked	5/12/2017 5:45	5/10/2017
20	31577E16E1B68BF13F30BE538E1BAF66E224726A	Tushy	8/1/2017 5:04	7/30/2017
21	322F6ABAB019761A6FF3C1211AF75B28137F013F	Vixen	6/9/2017 20:46	6/8/2017
22	34452073A3328CE2AF5FC73A5A8DDD4141E85B4A	Vixen	8/23/2017 10:51	8/22/2017
23	374A3B65D604113BB3880FDACE83FD1EFFED3CA7C	Tushy	8/15/2017 12:51	8/14/2017
24	3945FEF635D609C3FB77DD4762FC2570E7E12D7C	Blacked	5/21/2017 16:45	5/20/2017
25	3F3D4931127C380DD0AA05C298E26438267560BB	Vixen	7/5/2017 4:23	6/28/2017
26	408577469D1675504E89F205C619738007D08DD9	Blacked	6/9/2017 20:59	6/9/2017
27	4125860EC76C1E0880F652DA94EB84D375A64436	Tushy	8/5/2017 12:02	8/4/2017
28	464AB452DA8258FA23BA74830F0D57EE7CA518C5	Tushy	8/26/2017 12:52	8/24/2017
29	48F5E3FE474EA76DE23D7D0A8F27ADA15F5C98D7	Blacked	7/20/2017 21:22	7/19/2017
30	4B86BC16DOE5A0983C578B61ED87BC62C55B116A	Vixen	8/14/2017 12:50	8/12/2017
31	4F0D3D0FD3F88791F4933080453A052BE6924F22	Tushy	10/12/2017 21:12	10/8/2017
32	4FAE423CFA8C54409A4658429D7CB2B3E0F2E8B1	Vixen	9/27/2017 2:20	9/11/2017
33	4FF62836FC3C509617EE5DE7658EAA8E045C0BA1	Tushy	9/16/2017 16:46	9/13/2017

34 5003D85013A07470D85A3250EF4B3393B6E2CB04	Tushy	7/12/2017 20:00	7/10/2017
35 5176733783D1199D43060681D7AE2D4E3B5C9AF9	Blacked	7/19/2017 22:47	7/14/2017
36 53FF1B4BD8FB69630FE0A67611FE747F902F6874	Vixen	7/20/2017 21:17	7/18/2017
37 5A06B4EA4DB48984499F2E9EA7213220E835089D	Blacked	6/16/2017 14:31	6/14/2017
38 5AA7FC6E46AEF9EC1227A939EADB3351AD495F12	Vixen	8/8/2017 23:27	8/7/2017
39 5C208E2ABF6083135CA52776A02D87442F215D60	Tushy	6/19/2017 18:46	6/15/2017
40 5F25F5C8970A1123950D8543F0C954308ECC9D12	Tushy	9/24/2017 16:04	9/23/2017
41 6503CB2EAIECE7FA2F1D71B98E41D6D845BF7B794	Vixen	8/18/2017 16:01	8/17/2017
42 6960957E412263AA671D4F7A15737527D71A7C08	Tushy	9/8/2017 22:40	9/8/2017
43 69AC2D8751ABF0FED5C443A1CE77A7C7529B7AC9	Vixen	5/10/2017 8:28	5/9/2017
44 6A53ECB874B094837053EB7B7142560F0A85A9C2	Vixen	9/22/2017 9:04	9/21/2017
45 6B9175E9708A1BE765BBDC6582A68A12E44A33E3	Vixen	7/14/2017 21:54	7/13/2017
46 72F519FE9EED3C466979E55CFEBF253309A8106C	Vixen	5/16/2017 12:11	5/14/2017
47 74C66B184CB3F25F69326EFOC5529CDB680A8C47	Vixen	5/25/2017 3:53	5/24/2017
48 792198F0F41E1FFA44A67E62F451EC11B9B692EF	Vixen	8/1/2017 8:35	7/28/2017
49 7E4981D21DDD4B8D9E8B5905B1B8A95461915A160	Blacked	8/24/2017 11:53	8/23/2017
50 82EC6E9F2A9287FD59C2B571FDC0CDED7EDDBB81	Blacked	7/5/2017 4:24	6/29/2017
51 8519F3BB18D38EB8472CD07987B1BC2224E7EC22	Vixen	11/9/2017 8:28	10/11/2017
52 88D30B83D9E749F514380A5F2E9C3E876CF55431	Tushy	8/10/2017 10:01	8/9/2017
53 8D906EA439B8BF052A8D68240F71C6D9ACE1E17A	Vixen	7/5/2017 15:34	7/3/2017
54 8F55C47AC0C8FED6F30E2C094965B3CF4749FA41	Vixen	9/20/2017 9:40	8/27/2017
55 921AED6337A58B159CFAF9DADDFF2D91CDFF8AB3	Tushy	8/12/2017 11:16	6/25/2017
56 94E00EDACF46F8763B4B28A29BE83473AC2BA8E	Blacked	11/22/2017 11:18	11/21/2017
57 9B8E94F7A0C627798E8020DFAA9A28609D1AB82A	Tushy	7/20/2017 21:27	7/20/2017
58 9C80B087C925D30BA01F72FC0EAA8D8EAADF588A	Blacked	8/20/2017 9:20	8/18/2017
59 9D5513F0563852D9FB73EDC7D6318A6BB04334D9	Tushy	9/20/2017 11:43	9/18/2017
60 9E77DF7FCCB30D04DC6500C39CC3EF0AA2B48257	Blacked	9/6/2017 23:09	9/2/2017
61 ABC004062B9F9CF37E9A3A57F4BEA161154EECAE	Vixen	11/30/2017 20:59	9/26/2017
62 ABDFB02F5D20E29C32ABCE90A8478787DDA3C11D	Tushy	6/12/2017 17:58	6/10/2017
63 AE6A89DD0FB4978EAC561028F9FB06AA0A8D7E6A	Tushy	5/10/2017 9:29	5/1/2017
64 AFA4C44023577E2A90E1CFA8DB69A6F5D035B1D2	Blacked	9/8/2017 22:15	9/7/2017
65 B2EC2056C7699F25A118F23E36BB74FC7D3B7131	Vixen	7/9/2017 14:25	7/8/2017
66 B80F62F292E7B77184DC0BCF80ECE23CF7B23D15	Tushy	9/29/2017 10:28	9/28/2017
67 BA56E328AE2DBA8A20B327451656293E37FDAE35	Blacked	5/16/2017 12:04	5/15/2017

68 C496C2BFE4C6D994F43DC665F2BEE16FE85777A	Tushy	6/6/2017 10:39	6/5/2017
69 C59734C1DC4D87F563ABE2D6E371C12FD12FC7D9	Blacked	11/2/2017 9:05	10/22/2017
70 C6965A70345AC1C86DD34737BF381734CA301655	Vixen	12/1/2017 12:28	10/1/2017
71 D2B9C8834073E3BF4B55F7BF45C7EA7BE5903569	Blacked	5/31/2017 11:36	5/30/2017
72 DB6040CB19308F376554AC18F5C883139311322D	Blacked	11/7/2017 1:43	9/17/2017
73 DCE0631B0833B899B8A4C577203A87AD00BD2B8B	Blacked	11/13/2017 1:30	11/11/2017
74 DCE1E033042DA8E7CFC7CEC42B7D21201BEDFD57	Tushy	7/5/2017 13:13	6/30/2017
75 E132114F31A37161B83D12BCE6320B65DE025C9B	Vixen	6/20/2017 1:02	6/18/2017
76 E1C14843DC58F3CB2CCB7383B242E4EE8D32363B	Tushy	8/1/2017 0:20	7/25/2017
77 E272AF63D15A4277BF857E93B225717C76F3DA9D	Tushy	5/15/2017 7:43	5/11/2017
78 E4BB4B0185636612E25A2955F474B4494789F63C	Blacked	10/12/2017 23:51	10/7/2017
79 E69BB37CE99BE570CC9EB659F45DDEF6E740E3BE	Blacked	8/14/2017 12:40	8/13/2017
80 E8910563DE2084C48C6A8C5801457339745A09FA	Vixen	5/31/2017 11:21	5/29/2017
81 EC31FAD9EF2492EACCD767B4A6E207BBF2765F0E	Blacked	9/13/2017 14:24	9/12/2017
82 F1132ADEB75DD2EA99B249DD70902C74E9DA7884	Tushy	9/3/2017 5:00	8/29/2017
83 F28E401CB99CFB32E0808B7662BC50A9C5F64AD	Blacked	11/10/2017 0:59	9/22/2017
84 F8A92532C263D3E3497FF27A3FE569FF7BF15E37	Blacked	5/15/2017 6:09	4/25/2017
85 F8FEB2EE6C17B37610C5B2AE85F0266CB0C5C5BD	Blacked	7/5/2017 15:25	7/4/2017
86 FF7A5EE06C927438A3CAABC69D774D9CEACA8B9F	Tushy	7/17/2017 19:52	7/15/2017
87 FFD7D4C0A301487B3A11CBF1B3FC16410D42AEAO	Vixen	9/6/2017 23:08	9/6/2017

CRO App. FileDate	CRO Number	torrent file name	pcap count	mp4/mov size (byte)	pcap(s) analyzed
9/10/2017	PA0002052851	S3H (217-cv-01731)_000289.torrent	1	367001600	3590461132
6/16/2017	PA0002069288	S3H (217-cv-01731)_000280.torrent	7	275418972.2	3172688471
6/16/2017	PA0002069291	S3H (217-cv-01731)_000281.torrent	4	393058713.6	3165696486
7/6/2017	PA0002041555	S3H (217-cv-01731)_000282.torrent	1	313356451.8	3335254668
8/18/2017	PA0002077679	S3H (217-cv-01731)_000283.torrent	1	318379130.9	3595590476
6/15/2017	PA0002037565	S3H (217-cv-01731)_000284.torrent	7	281710428.2	3172857957
6/15/2017	PA0002037591	S3H (217-cv-01731)_000285.torrent	2	321168343	3165759834
7/7/2017	PA0002070823	S3H (217-cv-01731)_000287.torrent	12	222434426.9	3307340910
8/17/2017	PA0002077671	S3H (217-cv-01731)_000288.torrent	5	271203696.6	3631998944
6/22/2017	PA0002039282	S3H (217-cv-01731)_000290.torrent	2	283566407.7	3179038555
7/7/2017	PA0002070816	S3H (217-cv-01731)_000291.torrent	3	331297587.2	3289600304
8/17/2017	PA0002077662	S3H (217-cv-01731)_000383.torrent	5	298969989.1	3421595956
9/15/2017	PA0002052845	S3H (217-cv-01731)_000292.torrent	3	269924433.9	3631198988
7/7/2017	PA0002070834	S3H (217-cv-01731)_000293.torrent	3	331769446.4	3262401238
10/10/2017	PA0002086140	S3H (217-cv-01731)_000294.torrent	1	280923996.2	3521499028
8/11/2017	PA0002046872	S3H (217-cv-01731)_000295.torrent	3	189016309.8	3597764812
6/22/2017	PA0002039300	S3H (217-cv-01731)_000296.torrent	5	338165760	3179026787
8/10/2017	PA0002046877	S3H (217-cv-01731)_000297.torrent	2	393037742.1	3407695252
6/22/2017	PA0002039285	S3H (217-cv-01731)_000384.torrent	4	221018849.3	3179637169
8/11/2017	PA0002075051	S3H (217-cv-01731)_000298.torrent	1	344855674.9	3437541938
7/7/2017	PA0002070832	S3H (217-cv-01731)_000299.torrent	10	411954053.1	3274565966
9/15/2017	PA0002052852	S3H (217-cv-01731)_000301.torrent	1	331591188.5	3530112662
8/17/2017	PA0002048391	S3H (217-cv-01731)_000302.torrent	2	316009349.1	3596238182
6/22/2017	PA0002039289	S3H (217-cv-01731)_000303.torrent	8	324691558.4	3180327177
7/7/2017	PA0002070828	S3H (217-cv-01731)_000304.torrent	26	225821327.4	3407623478
7/7/2017	PA0002070825	S3H (217-cv-01731)_000305.torrent	20	313796853.8	3606109496
8/17/2017	PA0002077666	S3H (217-cv-01731)_000306.torrent	6	322311290.9	3631532710
9/15/2017	PA0002052837	S3H (217-cv-01731)_000307.torrent	1	264849326.1	3543787762
8/11/2017	PA0002046876	S3H (217-cv-01731)_000308.torrent	1	282129858.6	3393286602
8/17/2017	PA0002048373	S3H (217-cv-01731)_000310.torrent	6	391831879.7	3645007042
10/19/2017	PA0002058298	S3H (217-cv-01731)_000311.torrent	1	387249602.6	3762013108
9/15/2017	PA0002052839	S3H (217-cv-01731)_000312.torrent	1	216121999.4	3688125046
10/10/2017	PA0002086153	S3H (217-cv-01731)_000314.torrent	2	318158929.9	3663770604

8/18/2017 PA0002077678	S3H (217-cv-01731)_000315.torrent	8	244276265	3579985698
8/11/2017 PA0002046878	S3H (217-cv-01731)_000316.torrent	2	203004313.6	3456604496
8/10/2017 PA0002046875	S3H (217-cv-01731)_000317.torrent	1	276006174.7	3393271824
7/7/2017 PA0002070824	S3H (217-cv-01731)_000318.torrent	14	311815045.1	3606115884
8/17/2017 PA0002077669	S3H (217-cv-01731)_000319.torrent	2	207135703	3792003459
7/7/2017 PA0002070815	S3H (217-cv-01731)_000320.torrent	1	329745694.7	3274840350
10/9/2017 PA0002086134	S3H (217-cv-01731)_000321.torrent	0	340913029.1	
10/10/2017 PA0002086150	S3H (217-cv-01731)_000323.torrent	4	221889167.4	3534636886
9/15/2017 PA0002052841	S3H (217-cv-01731)_000324.torrent	0	387847290.9	
6/22/2017 PA0002039298	S3H (217-cv-01731)_000325.torrent	5	359609139.2	3172021921
10/10/2017 PA0002086168	S3H (217-cv-01731)_000326.torrent	5	341951119.4	3695222586
8/10/2017 PA0002046873	S3H (217-cv-01731)_000327.torrent	0	186740899.8	
6/22/2017 PA0002039297	S3H (217-cv-01731)_000328.torrent	8	364201902.1	3177778681
6/22/2017 PA0002039294	S3H (217-cv-01731)_000329.torrent	1	329840066.6	3178289701
8/10/2017 PA0002046871	S3H (217-cv-01731)_000331.torrent	1	316418293.8	3438076186
10/10/2017 PA0002086163	S3H (217-cv-01731)_000333.torrent	1	211319521.3	3595613086
7/7/2017 PA0002070821	S3H (217-cv-01731)_000335.torrent	20	304852500.5	3597966512
10/19/2017 PA0002090452	S3H (217-cv-01731)_000336.torrent	1	298414243.8	3895834524
8/17/2017 PA0002077673	S3H (217-cv-01731)_000337.torrent	7	248638341.1	3504223506
7/7/2017 PA0002070827	S3H (217-cv-01731)_000338.torrent	2	296495349.8	3644483596
9/15/2017 PA0002052843	S3H (217-cv-01731)_000385.torrent	0	371594362.9	
7/7/2017 PA0002070817	S3H (217-cv-01731)_000339.torrent	4	264849326.1	3631410502
1/4/2018 PA0002069353	S3H (217-cv-01731)_000340.torrent	1	232165212.2	3966197860
8/11/2017 PA0002046869	S3H (217-cv-01731)_000341.torrent	24	289459404.8	3657221868
10/10/2017 PA0002086146	S3H (217-cv-01731)_000342.torrent	0	258159411.2	
10/9/2017 PA0002086139	S3H (217-cv-01731)_000343.torrent	3	360364113.9	3696452498
9/15/2017 PA0002052847	S3H (217-cv-01731)_000345.torrent	2	307023052.8	3597468568
10/10/2017 PA0002085861	S3H (217-cv-01731)_000347.torrent	0	310357524.5	
7/7/2017 PA0002074096	S3H (217-cv-01731)_000348.torrent	6	269232373.8	3290128658
6/15/2017 PA0002037577	S3H (217-cv-01731)_000349.torrent	4	284898099.2	3172721947
9/15/2017 PA0002052840	S3H (217-cv-01731)_000350.torrent	0	299232133.1	
8/17/2017 PA0002077664	S3H (217-cv-01731)_000351.torrent	8	297879470.1	3645877492
10/10/2017 PA0002086160	S3H (217-cv-01731)_000352.torrent	2	273185505.3	3796958220
6/22/2017 PA0002039283	S3H (217-cv-01731)_000353.torrent	1	380391915.5	3146465426

7/7/2017 PA0002074097	S3H (217-cv-01731)_000355.torrent	6	351346360.3	3260706307
11/21/2017 PA0002063627	S3H (217-cv-01731)_000356.torrent	0	508454502.4	
10/10/2017 PA0002086155	S3H (217-cv-01731)_000357.torrent	1	344436244.5	4013596716
6/22/2017 PA0002039295	S3H (217-cv-01731)_000362.torrent	16	320958627.8	3291440222
10/10/2017 PA0002086174	S3H (217-cv-01731)_000363.torrent	5	202983342.1	3902668520
11/27/2017 PA0002098000	S3H (217-cv-01731)_000364.torrent	0	288893173.8	
7/7/2017 PA0002070818	S3H (217-cv-01731)_000365.torrent	12	325425561.6	3631547166
7/7/2017 PA0002070833	S3H (217-cv-01731)_000367.torrent	10	220117073.9	3329719076
8/11/2017 PA0002046870	S3H (217-cv-01731)_000368.torrent	3	364684247	3631458964
6/22/2017 PA0002039286	S3H (217-cv-01731)_000369.torrent	9	259512074.2	3174038267
10/19/2017 PA0002058300	S3H (217-cv-01731)_000370.torrent	0	344048271.4	
8/17/2017 PA0002077675	S3H (217-cv-01731)_000386.torrent	5	385309737	3597625990
6/22/2017 PA0002039292	S3H (217-cv-01731)_000372.torrent	3	359766425.6	3203557651
9/15/2017 PA0002052846	S3H (217-cv-01731)_000373.torrent	7	344048271.4	3694638548
10/10/2017 PA0002086144	S3H (217-cv-01731)_000374.torrent	7	380758917.1	3631566602
10/10/2017 PA0002057455	S3H (217-cv-01731)_000375.torrent	3	269536460.8	3903136390
6/15/2017 PA0002037576	S3H (217-cv-01731)_000379.torrent	13	286041047	3179684087
7/7/2017 PA0002070819	S3H (217-cv-01731)_000380.torrent	3	316764323.8	3597518220
8/11/2017 PA0002075050	S3H (217-cv-01731)_000381.torrent	6	235122196.5	3501189868
9/15/2017 PA0002052844	S3H (217-cv-01731)_000382.torrent	1	408630067.2	3597426214

Requested Piece	Requested Block(s)	Requested Block Length	Piece(s) Delivered	Total Block Size	Percentage
0x35	0x0, 0x4000	0x4000	2	32768	0.009%
0x39	0x0, 0x4000	0x4000	2	32768	0.012%
0x92	0x10000, 0x14000	0x4000	2	32768	0.008%
0x3b5	0x0, 0x4000	0x4000	1	16384	0.005%
0x17a	0x0, 0x4000	0x4000	2	32768	0.010%
0x41	0x0, 0x4000	0x4000	1	16384	0.006%
0x12e	0x8000, 0xc000	0x4000	2	32768	0.010%
0xd	0x0, 0x4000	0x4000	2	32768	0.015%
0x0	0x0, 0x4000	0x4000	1	16384	0.006%
0xe7	0x8000, 0xc000	0x4000	2	32768	0.012%
0x35f	0x0, 0x4000	0x4000	2	32768	0.010%
0xc	0x0, 0x4000	0x4000	2	32768	0.011%
0x18	0x0, 0x4000	0x4000	1	16384	0.006%
0x8a	0x0, 0x4000	0x4000	1	16384	0.005%
0x2e7	0x0, 0x4000	0x4000	1	16384	0.006%
0x84	0x0	0x4000	0	0	0.000%
0x173	0x0, 0x4000	0x4000	2	32768	0.010%
0x48	0x0, 0x4000	0x4000	1	16384	0.004%
0x43	0x0, 0x4000	0x4000	2	32768	0.015%
0x86	0x0, 0x4000	0x4000	1	16384	0.005%
0x3	0x0, 0x4000	0x4000	2	32768	0.008%
0x23b	0x0, 0x4000	0x4000	1	16384	0.005%
0x77	0x0, 0x4000	0x4000	2	32768	0.010%
0xa2	0x0, 0x4000	0x4000	1	16384	0.005%
0x205	0x0, 0x4000	0x4000	2	32768	0.015%
0x1f9	0x0, 0x4000	0x4000	1	16384	0.005%
0x21b	0x0, 0x4000	0x4000	2	32768	0.010%
0x248	0x0, 0x4000	0x4000	1	16384	0.006%
0x5b	0x0	0x4000	1	16384	0.006%
0x44	0x0, 0x4000	0x4000	2	32768	0.008%
0x205	0x0, 0x4000	0x4000	1	16384	0.004%
0x43	0x0, 0x4000	0x4000	1	16384	0.008%
0x4d	0x0, 0x4000	0x4000	1	16384	0.005%

0x2a9	0x0, 0x4000	0x4000	2	32768	0.013%
0x157	0x0, 0x4000	0x4000	2	32768	0.016%
0x174	0x0, 0x4000	0x4000	1	16384	0.006%
0xc7	0x0, 0x4000	0x4000	1	16384	0.005%
0x9d	0x0, 0x4000	0x4000	2	32768	0.016%
0x3fa	0x8000, 0xc000	0x4000	1	16384	0.005%
				0	0.000%
0x7	0x0, 0x4000	0x4000	2	32768	0.015%
				0	0.000%
0xf6	0x0, 0x4000	0x4000	1	16384	0.005%
0x6f	0x0, 0x4000	0x4000	1	16384	0.005%
				0	0.000%
0x3da	0x0, 0x4000	0x4000	1	16384	0.004%
0x4de	0x0, 0x4000	0x4000	1	16384	0.005%
0x20	0x0, 0x4000	0x4000	2	32768	0.010%
0x1a8	0x0, 0x4000	0x4000	1	16384	0.008%
0xd	0x0, 0x4000	0x4000	1	16384	0.005%
0x1b6	0x0, 0x4000	0x4000	1	16384	0.005%
0xe5	0x0, 0x4000	0x4000	1	16384	0.007%
0x40	0x0, 0x4000	0x4000	1	16384	0.006%
				0	0.000%
0x36d	0x0, 0x4000	0x4000	1	16384	0.006%
0x35b	0x0, 0x4000	0x4000	1	16384	0.007%
0x39f	0x0, 0x4000	0x4000	2	32768	0.011%
				0	0.000%
0x71	0x0, 0x4000	0x4000	2	32768	0.009%
0x21d	0x0	0x4000	1	16384	0.005%
				0	0.000%
0x137	0x0, 0x4000	0x4000	2	32768	0.012%
0x14d	0x10000, 0x14000	0x4000	1	16384	0.006%
				0	0.000%
0x204	0x0, 0x4000	0x4000	1	16384	0.006%
0x61	0x0, 0x4000	0x4000	2	32768	0.012%
0x2c0	0x18000, 0x1c000	0x4000	1	16384	0.004%

0x512	0x0, 0x4000	0x4000	1	16384	0.005%
				0	0.000%
0x1e5	0x0, 0x4000	0x4000	1	16384	0.005%
0x2a6	0x0, 0x4000	0x4000	1	16384	0.005%
0x9	0x0, 0x4000	0x4000	1	16384	0.008%
				0	0.000%
0x1f4	0x0, 0x4000	0x4000	1	16384	0.005%
0x19e	0x0, 0x4000	0x4000	1	16384	0.007%
0x20b	0x0, 0x4000	0x4000	2	32768	0.009%
0x33e	0x0, 0x4000	0x4000	1	16384	0.006%
				0	0.000%
0x22b	0x10000, 0x14000	0x4000	2	32768	0.009%
0x3da	0x0, 0x4000	0x4000	1	16384	0.005%
0x14	0x0, 0x4000	0x4000	2	32768	0.010%
0x75	0x0, 0x4000	0x4000	2	32768	0.009%
0x12	0x0, 0x4000	0x4000	1	16384	0.006%
0x106	0x8000, 0xc000	0x4000	1	16384	0.006%
0xa0	0x0, 0x4000	0x4000	1	16384	0.005%
0xc2	0x0, 0x4000	0x4000	1	16384	0.007%
0x45	0x8000, 0xc000	0x4000	2	32768	0.008%

CERTIFICATE OF SERVICE

I, J. Curtis Edmondson, hereby certify that on March 15, 2019, I electronically filed the foregoing with the Clerk of the Court using the CM/ECF system which will send notification of such filing to the following:

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